AUTHOR INDEX

VOLUME 52

Agrimonti, F. 423
Aiello, A. 533
Alam, M. 45
Albert, C. 383
Ali (Latif), N. 551
Allen, D. S. 351
Allewaert, K. 411
Ambrose, C. L. 409
Azzam, A. 349
Bacigalupo, M. A. 571
Balsamo, A. 403
Balzan, S. 405
Baraghini, G. F. 375
Baraldi, E. 375
Barbey, P. 367
Bassett, J. R. 385
Batta, A. K. 109
Benassayag, C. 369
Berrino, F. 417
Berta, L. 413, 415, 423, 425
Blethen, S. L. 543
Blethen, S. L. 205
Bolelli, G. 397
Bolton, N. J. 355
Boraldi, V. 375
Botte, V. 333
Bouhamidi, R. 345
Bouillon, R. 411
Braasch, H. V. 279
Brabson, J. S. 51
Bradlow, H. L. 69, 205
Brind, J. L. 561
Brooks, S. C. 249
Bulbrook, R. D. 351
Bulletti, C. 381, 397
Bumma, C. 415
Burke, P. 415
Callard, G. V. 427
Callard, I. P. 383
Cappuccini, F.
397
Carreau, S. 367, 391
Cassan, J. 609
Cattedra, M. R. 425
Cekan, S. Z. 329
Cenderelli, G. 401, 403

Charbonneau, H. 373
Charland, J.-P. 37
Charpentier, B. 609
Chasalow, F. I. 543
Chasalow, F. I. 205
Chatterton, R. T., Jr. 279
Chervinsky, K. 561
Chikhaoui, Y. 371
Chiodoni, G. 331
Chitour, F. 371
Christensen, C. 249
Chu, F. 339
Ciminiello, P. 533
Ciotti, P. M. 381, 397
Cittanova, N. 361, 363
Clark, G. M. G. 351
Clerico, A. 405
Cocci, F. 405
Colombi, S. 571
Crosignani, P. 417
Dalton, M. E. 409
DeFilippis, V. 403
Degrelle, H. 393
Del Monte, I. 415
Di Cosmo, E. 381
Dingas, A. 609
Domingo, S. L. 393
Donn, F. 353
Donvito, V. 413, 423
Drosdowsky, M. A. 367, 391
Duval, D. 609
Edler, P. A. 419
Edwards, P. 335, 337
Egloff, M. 393
Ekins, R. 335, 337, 339
El Harate, A. 365
Emiliozzi, R. 609
Fattorusso, E. 533
Fazzari, A. 413, 415, 423
Felber, J.-P. 331
Fishman, J. 69
Fornaro, D. 423
Fortunati, N. 413, 415, 423
Fradin, S. 367
Frairia, R. 413, 425
Frederiksen, M. C. 279
Fremont, S. 365, 379
Friedl, K. E. 343
Gabe, E. J. 37
Gaidano, G. 413, 415, 423, 425
Gaillard, J.-L. 345
Gallone, G. 403

Ganjam, V. K. 217
Garden, G. A. 341
Gennari, P. 425
Gentin, M. 361
Gerard, A. 365, 379
Gerard, H. 365, 379
Ghosh, S. K. 1
Giraudi, G. 401, 403
Godano, A. 403
Gomez, F. 331
Greep, R. O. 447
Grignon, G. 365, 379
Gueant, J. L. 365, 379
Habib, F. K. 237
Hammond, G. L. 347, 355, 399
Hannan, C. J. 341
Henry, F. J. 385
Hershcopf, R. J. 69
Herue, F. 361, 363
Heubner, A. 377
Hiort, O. 353
Hiramatsu, R. 389
Hiroi, M. 395
Hochereau de Reviers, M.-T. 391
Houston, B. 237
Hsia, J. C. 361
Ikeda, M. 187
Iohan, F. 15
Ishihara, M. 137
Jardillier, J. C. 421
Jasonni, V. M. 381, 397
Jeffcoate, W. J. 359
Jones, R. E. 343
Jowett, T. 339
Juchem, M. 377
Kaaya, A. 583
Kamtchouing, P. 391
Kanasugi, H. 395
Kapur, J. C. 181
Kawaguchi, Y. 137
Kelce, W. R. 217
Kempfle, M. A. 357
Key, T. J. A. 351
Khantri, J. 379
Kohara, H. 295
Komuro, M. 137
Kumar, S. 373
Kumari, G. L. 85
Kuo, S.-W. 561
Kurihara, S. 137
Kusaka, T. 187
Labb, P. A. 359

Lakshmi, V. 515
Lea, O. A. 407
Lecomte, P. 349
Lecureuil, M. 349
Lecureuil, N. 349
Lewis, J. G. 419
Lusby, W. R. 265
Maentausta, O. 355
Magno, S. 533
Mak, P. 427
Mandal, C. 551
Marandici, A. 15
Martin, B. 345
Martin, M. E. 369
Marx, A. F. 181
Masuda, H. 137
Matej, L. A. 343
Menke, H. 357
Micheli, A. 417
Michnovicz, J. J. 69
Migliardi, M. 401, 403
Mitchell, M. O. 529
Mitze, M. 353
Miyachi, Y. 137
Monder, C. 515
Monder, C. 15
Montanini, V. 375
Moore, J. W. 351
Muller, R. F. 357
Muti, P. 417
Naganuma, H. 69
Naldi, S. 381
Namkung, P. C. 373
Neumann, S. 353
Newlands, M. J. 37
Nicolas, J. P. 365, 379
Niedermeyer, H. P. 405
Niemi, S. 355
Nisula, B. C. 389
Nunez, E. A. 369
Odlind, U. 387
Oliver, J. E. 265
Olsson, S.-E. 387
Orentreich, N. 561
Orr, J. C. 37
Paci, A. 405
Palluk, R. 357
Pandey, P. K. 85
Panico, S. 417
Paolucci, M. 333
Papadopoulos, V. 391
Parini, C. 571

Paryzek, Z. 173
Petra, P. H. 373
Piffanelli, A. 429
Pike, M. C. 351
Pinon-Lataillade, G. 391
Pisani, P. 417
Plymate, S. R. 341, 343
Pollow, K. 377
Rajkowski, K. M. 361, 363
Rallet, A. 421
Rey, F. 331
Roli, L. 375
Saita, R. 571
Saito, N. 395
Salen, G. 109
Sanduja, R. 45
Saunders, D. E. 249
Schroepfer, G. J., Jr. 51
Secreto, G. 417
Seghedoni, S. 375
Selby, C. 359
Sfaxi, A. 583
Shefer, S. 109
Shrivastav, T. G. 85
Silberzahn, P. 345
Simoni, M. 375
Sinha, A. 337
Sinnecker, G. 353
Smith, C. L. 347
Sodoyez, J.-C. 583
Sodoyez-Goffaux, F. 583
Spencer, C. A. 341
Spinnato, M. R. 403
Sutter, B. Ch. J. 583
Sutter-Dub, M.-T. 583
Suzuki, T. 395
Taira, K. 137
Takanashi, K. 123
Thapar, M. 85
Trochet, J. 349
Underhill, D. A. 399
Van Baelen, H. 411
Velardo, A. 375
Verweij, J. 181
Wang, D. Y. 351
Watanabe, K. 123
Watanabe, S. 187
Weinheimer, A. J. 45
Wenick, G. B. 543
Wong, L. T. 361
Yeo, K. H. J. 419
Yoshida, M. 137
Yoshizawa, I. 123
Zwain, I. 345

SUBJECT INDEX

VOLUME 52

ABP determination 415

ABP, intraluminal 345

ABP, rat 349, 379

Adrenal cortex, bizonal nature 447

Adrenal cortex, rat 351

AFP isoforms, rat 343

Albumin, salivary 373

Alcohol dehydrogenase 37

Alcohol, effect on cortisol interactions 411

Amino acid sequence 331

Androgens 217

Androgens, salivary 375

5,16-Androstadien-3-o1 biosynthesis 295

4-OH-Androstenedione 237

Antibody affinity to 11 -hydroxy-progesterone derivatives 571

Binding changes, fatty acids 379

Binding protein 359

Breast cancer 391,401

Breast cancer etiology 395

Breast cyst fluid 205

7α-Bromo-5-androstene-3,11,17-trione 3,17-bisethylene ketal 609

7β-Bromo-5-androstene-3,11,17-trione 3,17-bisethylene ketal 609

$^{45}Ca^{2+}$ 15

Calcium 15

7-Carboxymethyl 609

7α-Carboxymethyl-1,3,5(10),9(11)-estratetraene 3,17β -diol 609

7β-Carboxymethyl-1,3,5(10),9(11)-estratetraene-3,17β-diol 609

Carcinomas, head and neck 397

Catechol estrogens 69

CBG, human 347,401,417

CBG gene, human 329

Centrifugal ultrafiltration-dialysis 425

Cholestanol 109

Cholestanol precursors 109

5α-Cholest-8(14)-en-3β-ol-15-one 51

Cholesterol biosynthesis 51

Cholesterol metabolism 265

Chromatography 109

Circadian patterns in men 381

Clathrina clathrus 533

Computer simulation, steroid binding 421

Conjugates 205

Contraception 399

Corticosteroid complex 15

Corticosteroid 11β-dehydrogenase 515

Corticosteroid 11β-reductase 515

[1,2-^{3}H]Cortisol 15

Cortisol-protein interactions 411

CRABP 397

CRBP 397

2β,4β-Cyclo-5α-androstane-3α,17β-diol 37

Cyclosteroid 37

Cyst fluid, breast 205

Cytosolic assay 249

Cytotoxic sterol 45

Dehydroepiandrosterone 205

Dexamethasone 17,21-dipropionate 137

Dienol methyl ether 181

Diet and breast cancer 395

Dihydrotestosterone 217

9α,17β-Dihydroxy-17α-ethynylandrost-4-en-3-one 181

11β, 17β-Dihydroxy-21-methyl-17α--pregna-1,4,6,-trien, 20-yn-3-one 583

4-Dimethylaminopyridine 529

ELISA for 17α-hydroxyprogesterone 427

Epididymal uptake of ABP 347

Epididymis 217

Epoxy sterol 45

Estradiol 85,359,551,609

Estradiol-17-sulfate 123

Estradiol-binding protein, human 383

Estradiol and estrone, fractional distribution 425

Estriol 1

Estrogen binding 343

Estrogen-protein interactions 405

Estrogen receptor 187,361

Estrone 609

Estrone sulfate 561

Estro-progestogen combinations 403

Ethynylation 181

17α-Ethynyl-17β-hydroxy-9,10-secoandrost-4-ene-3,9-dione 181

Fatty acid esters of 5α-cholest-8(14)-en-3
-ol-15-one 51

Female rat adipocytes 583

Fertility control 447

Fetal steroid-binding glycoprotein 341

Fetoplacental steroid 1

FiSBoG 341

FLI levels and pregnancy risk 407

Fluorescent 4,6,8(14)-triene-3-one steroids 419

9α-Fluoro-6β,11β,17,21-tetrahydroxy-16α
-methylpregna-1,4-diene-3,20-dione-17-
propionate 137

9α-Fluoro-11β,17,21-trihydroxy-16 -
methylpregna-1,4-diene-3,20-dione-17,21-
dipropionate 137

9α-Fluoro-11β,17,21-trihydroxy-16α-
methylpregna-1,4-diene-3,20-dione-17-propionate
137

Fractionation of gonadotropins 447

Free steroid levels, turtle 355

Free testosterone assay 423

Free testosterone, calculated 377

Frog, liver binding proteins 261

Functional pituitary grafts 447

Gas-liquid chromatography 109

Glucose metabolism 583

Glucosylation 265

Gonadal steroids 447

Growth hormone, primate species specificity 447

Guinea pigs 85

Hapten 609

11α-Hemisuccinylpregn-4-ene-3-20-dione 529

Hep G2 339

Hereditary toothlessness 447

High-performance liquid chromatography 109,123,217

Hirsutism, idiopathic 377

Hormone delivery 367

Hormone efflux 369

Hormone immunoassays 365

Hormones and breast cancer 395

Human testis 295
9α-Hydroxyandrost-4-ene-3,17-dione rearrangement 181

3-Hydroxy-7α-carboxymethyl-1,3,5 (10),9(11)-estratetraen-17-one 609

3-Hydroxy-7β-carboxymethyl-1,3,5 (10),9(11)-estratetraen-17-one 609

(22 E)-3β-Hydroxycholesta-5,8,22-trien-7-one 533

17β-Hydroxy-11β-(4-dimethylamino-phenyl)-17α -Propynyl-estra-4,5 dien-3-one 583

(22 E,24)-3β-Hydroxy-24-ethyl- cholesta-5,8,22-trien-7-one 533

9α-Hydroxy-3-methoxyandrosta-3,5-dien-17-one 181

3-Hydroxy-7α-methoxycarbonylmethyl- 1,3,5(10),9(11)-estratetraen-17-one 609

3-Hydroxy-7β-methoxycarbonylmethyl- 1,3,5(10),9(11) estratetraen-17-one 609

(22 E, 24)-3β-Hydroxy-24- methylcholesta-5,8,22-trien-7-one 533

17α-Hydroxyprogesterone 427

9α-Hydroxysteroids 181

11β-Hydroxysteroid dehydrogenase in liver 515

N-Hydroxysuccinimide ester of agarose 187

Immobilization 187

Immunoassay 401,609

Immunoassay for steroids 1

Immunofluorometric assay 413

Immunohistochemical detection 335

Implantation 85

Inhibition 37

Inhibition, prostatic 5 -reductase 237

γ-Irradiation, effect on ABP production 349

In vivo conversion of 5α-cholest-8(14)-en-3β -ol-15-one to cholesterol 51

Ketone reduction 173

Kinetics 237

Lanostane 173

Levonorgestrel 399

Levonorgestrel index 407

Liquid-liquid chromatography 417

7α-Methoxycarbonyimethyl-5-androstene-3,11,17-trione 3,17-bisethylene ketal 609

7β-Methoxycarbonylmethyl-5,9(11)-androstadiene-3,17-dione 3,17-bisethylene ketal 609

7α-Methoxycarbonylmethyl-5,9(11)-androstadiene-3,17-dione 3,17-bisethylen ketal 609

7β-Methoxycarbonylmethyl-11β-hydroxy-5-androstene-3,17-dione 3,17-bisethylene ketal 609

7β-Methoxycarbonylmethyl-11β-hydroxy-5-androstene-3,17-dione 3,17-bisethylene ketal 609

4-Methyl-17α-ethynyl-17β-hydroxy-19-norandrosta-4,9-dien-1-one 181

4-Methyl-19-norandrosta-4,9-diene-1,17-dione 181

4 -Methyl-17α-ethynyl-17β-hydroxy-19-norandrosta-5(10),9(11)-dien-1-one 181

Monoclonal antibody 551

Monoclonal antibody to estriol 1

Na^+/K^+-ATPase 363

Newborn plasma extracts 363

Nonisotopic immunoassay 1

Nuclear assay 249

ORDET 395

[^{3}H]Ouabain binding 363

Paired ion TLC 561

"Pardride" hypotheses 367

PBCP 337

Pharmacokinetics, progesterone 279

Pituitary control of testis functions 447

Pituitary testicular axis 385

Planaxis sulcatus 45

Polyclonal antibody 551

Porifera 533

Pregnenediol glucosides 265

Pregn-5-ene-3β,20R-diol-3-(O-α-D-glucopyranoside) 265

Pregn-5-ene-3β,20R-diol-3-(O-β-D-glucopyranoside) 265

Pregn-5-ene-3β,20R-diol-3,20-di-(O-D-glucopyranosides) 265

Pregn-5-ene-3β,20R-diol-20-(O-β-D-glucopyranoside) 265

Pregn-5-ene-3β,20R-diol-20-(O-β-D-glucopyranoside) 265

Pregnenolone metabolism 295

Premature thelarche 543

Progesterone 85,279

Progesterone-binding cyst protein 337

Progesterone, 11α-hydrroxy
derivatives, homologous antibody affinity 571

Progesterone receptor 249

Progesterone, synthetic steroids 583

Prostate 237

Quality control programs, Italy 429

Radioimmunoassay 123,137

Rat CBG 331

Receptor-mediated endocytosis 345

Receptors, estradiol and progesterone 85

5α-Reductase 217,237

Regulation, organ-specific 369

Retinoic acid cellular binding proteins 397

Retinol cellular binding proteins 397

Reversed phase TLC 561

RU-38486 (RU-486) 583

RU-26988 583

Salivary androgens 375

Salivary testosterone 371

SBP 409

SBP, human 389,401,409

SBP, identification of subgroups 389

SBP, rat adrenal 351

SBP synthesis 403

Sehydroepiandrosterone sulfate 205,561
Sex hormone-binding globulin. See SHBG
SHBG 339,385,399,543
SHBG concentration 391
SHBG, human 333,381,387
SHBG, salivary373
SHBG, turtle 355
SHBG-like antigen 335
Smoking 69
Squalus 359
Stereochemistry 173
Steroid binding, computer simulation 421
Steroid-binding site 333
Steroid-CBG interactions 419
Steroid-protein interactions 329
Steroid receptor evaluation 429
Steroid sulfate 205,561
Sterols 533
Subgroup identification in SBP 389

Tamoxifen effects 409
Testicular aromatization-conjugation 353
Testicular microsomes 295
Testis 359
Testosterone 359
Testosterone blood level 353
Thelarche, premature 543
Thin-layer chromatography 109
Thyroid physiopathology 387
Thyroxine-binding globulin 543
Tobacco hornworm (Manduca sexta (L.)) 265

Topical application 137

Tracer binding to serum proteins 423

Transdermal esttradiol administration 405

Triterpenes 173

Turtle, SHBG 355

Type II progesterone receptor 249

Urinary estrogen 123

Urinary excretion 69

Vitamin D-binding protein, fish 357

X-Ray diffraction 37